

Title (en)
Pyrotechnic sheet material.

Title (de)
Pyrotechnisches folienartiges Material.

Title (fr)
Matière pyrotechnique en feuille.

Publication
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Application
EP 93305520 A 19930714

Priority
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Abstract (en)
[origin: EP0584921A2] The invention provides pyrotechnic sheet material(10) comprising a substrate(11) of oxidizing polymeric film, for example a film of halogenopolymer, having a layer of oxidizable material(12), for example magnesium on at least part of its surface. The substrate and the oxidizable material are capable of reacting together exothermically on ignition. The oxidizable material is covered with an overlying protective barrier layer of passivating material(13) comprising a passive metal or an oxide of a passive metal. The barrier layer is effective to extend the storage life of the pyrotechnic sheet material by providing a dense non-porous oxide layer which prevents oxidization of the oxidizable material until ignition of the pyrotechnic sheet material occurs. <IMAGE>

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C06C 5/00 (2006.01); **C06B 45/14** (2006.01); **C23C 14/20** (2006.01)

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Citation (search report)
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• [Y] US 3390026 A 19680625 - CERYCH JOHN Z, et al
• [Y] US 3381473 A 19680507 - KUEHL DONALD K

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EP 0584921 A2 19940302; **EP 0584921 A3 19941019**; **EP 0584921 B1 19961009**; AU 4445993 A 19940210; AU 662435 B2 19950831; CA 2101621 A1 19940205; DE 69305295 D1 19961114; DE 69305295 T2 19970306; ES 2092230 T3 19961116; GB 9216517 D0 19920923; JP H06172076 A 19940621; KR 940003724 A 19940312; US 5415932 A 19950516; ZA 935322 B 19940311

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